Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 08 Dec 2020 until 23:59 on Wednesday 09 Dec 2020

Forecast Issued on Monday 07 Dec 2020 at 15:28

Confidence: High confidence for an unsettled week with bands of rain, Wednesday looks like the best day in the 5 day outlook.

Headline for Tuesday 08 Dec 2020: A wet and dull day with strong southwesterly winds and poor visibility around the Yorkshire Dales.

Mountain weather hazards on Tuesday 08 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sleet	Heavy Rain	Heavy Rain	Light rain	Light rain	Dull
Precipitation probability							
20%	20%	50%	70%	70%	70%	70%	30%

Forecast for Tuesday 08 Dec 2020

Weather: Although dry in the early hours, outbreaks of rain will soon spread across the Yorkshire Dales, these will be wintery on high ground to begin with but as freezing level rises it will become increasingly rainy. Rain will be more persistent for a time in the morning becoming lighter and more showery in the afternoon. Some patchy rain will linger on into Tuesday evening.

Chance of cloud free mountain/hill tops above 600m: 20%, a low chance of cloud free tops with extensive low cloud above 3-400m for much of the day.

Visibility: Moderate or poor for most of the day, in any wintery weather it will be very poor.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 08 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/20 SW	15/22 SW	15/23 SW	15/23 SW	14/23 SW	13/20 SW	9/15 SW	8/12 W	9/15 W
300	6/17 W	6/18 SW	7/19 SW	9/20 SW	10/21 SW	8/17 SW	5/12 SW	5/12 W	6/14 W
Valley	2/10 W	2/12 W	5/16 SW	7/18 SW	9/19 SW	7/17 SW	4/11 W	4/10 W	5/12 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-6	-0/-6	0/-5	1/-4	2/-4	2/-3	2/-2	2/-1	2/-2
300	0/-3	1/-2	2/-1	3/-0	4/0	4/0	4/1	4/2	4/1
Valley	1/-1	2/0	4/1	4/2	5/2	5/3	5/4	5/3	5/3
Freezing Level*	400m	600m	800m	800m	900m	1000m	1100m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

As freezing level rises on Tuesday there will be some snowmelt from 5-800m in addition to the rainfall which may cause watercourses to swell. Feeling cold on the dales in strong northwesterly winds.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 07 Dec 2020	1.6mm	2mm	12mm

Forecast for Wednesday 09 Dec 2020

Weather: A mainly dry and bright day, perhaps some early mist and fog in prone spots and an early frost is likely. There may be the odd shower.

Maximum wind: Northwesterly backing southerly 10-15mph

Chance of cloud free mountain/hill tops above 600m: 90% chance of cloud free tops, perhaps some low cloud shrouding the tops around dawn.

Visibility: Good or very good.

Temperature: **Valleys:** Plus 5 Celsius.
At 600m: Plus 2 Celsius
Freezing level: 900m

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